

**LOAN AWARD REQUEST**

CEC-271 (10/09)

CALIFORNIA ENERGY COMMISSION

To: Grants and Loans OfficeDate: 9 / 2 / 2010Project Manager: Amir EhyaiPhone Number: (916) 654-4550Office Special ProjectsDivision: Fuels and TransportationMS- 23Project Title: County of Del Norte**Type of Request:** *(check one)*☒ **New Agreement:** *(include items A - F from below)*Agreement Number: Assigned by the G&L OfficeProgram: ECAA - ARRA 3%Solicitation Name: ECAA Loan ProgramLegal Name of Recipient: County of Del NorteRecipient's Full Mailing Address: 981 H Street, Suite 210  
Crescent City, CA 95531Recipient's Project Officer: Jay SarinaPhone Number: (707) 464-7214 ext.Email Address jsarina@co.del-norte.ca.usAgreement Start Date: 10 / 6 / 2010Agreement End Date: 3 / 31 / 2012Annual Energy Savings: \$ 20,721.00Total Loan Amount: \$ 216,462.00Number of Repay Periods: (Leave blank if repay is based on energy savings)☐ **Amendment :** *(Check all that apply)*

Agreement Number: \_\_\_\_\_

☐ Term Extension – New End Date:       /      /      ☐ Change of Scope *(include items A – G from below, as applicable)*☐ Loan Augmentation: \$**ITEMS TO ATTACH WITH REQUEST:**

A. Loan information including application and budget details.

D. CEQA Compliance Form CEC-280.

F. ECM Codes, if applicable.

B. Recipient Resolution.

E. Other Documents as applicable.

G. Justification for Amendment.

C. Special Conditions, if applicable.

• Copy of Pre-Award Correspondence

• Copy of All Other Relevant Documents

**Funding Information:**Source #1: ECAA-ARRA Amount: \$ 216,462.00 Statute: \_\_\_\_\_ FY: \_\_\_\_\_ Budget List #: 901.003DSource #2: \_\_\_\_\_ Amount: \$ 0.00 Statute: \_\_\_\_\_ FY: \_\_\_\_\_ Budget List #: \_\_\_\_\_Source #3: \_\_\_\_\_ Amount: \$ 0.00 Statute: \_\_\_\_\_ FY: \_\_\_\_\_ Budget List #: \_\_\_\_\_**Business Meeting Approval:** *(refer to Business Meeting Schedule)*Date due to Secretariat: 9 / 13 / 2010Proposed Business Meeting Date: 10 / 6 / 2010☐ Consent☒ DiscussionBusiness Meeting Participant: Amir EhyaiTime Needed: 5 minutes**Agenda Notice Statement:** *(This is the description that will appear on the agenda)*

Possible approval of a loan in the amount of \$216,462 to the County of Del Norte for mechanical systems upgrades at the county's Sheriff Office and Jail facility located in Crescent City. The projects will reduce annual energy expenditures by \$20,721. Contact: Amir Ehyai (5 minutes)

Project Manager

Date

Office Manager

Date

Deputy Director

Date

Executive Director

Date

Presiding Policy Committee

Date

Associate Policy Committee

Date

**EXHIBIT A****ATTACHMENT 1****BUDGET DETAIL/ PROJECT COST AND SAVINGS**

This loan is made to the County of Del Norte ("Borrower") for an Energy Savings Project. The project consists of mechanical systems upgrades and equipment replacement to be installed at the county Sheriff Office and Jail in the City of Crescent City, CA.

The Table below summarizes the estimated project cost(s), saving(s) and simple payback(s) for the project.

TABLE 1: Summary of Project Cost and Savings:

<b>Energy Efficiency Projects</b>	<b>Estimated Total Project Cost</b>	<b>Energy Commission Loan</b>	<b>Estimated Annual Energy Cost Savings</b>	<b>Payback* (Years)</b>
EEM 1 - Install new LP gas condensing furnaces and heat recovery unit in place of the MZ-4 in roof top penthouse (4-zone)	\$79,564		\$3,896	
EEM 2 - Install new LP gas condensing furnaces in place of the # MZ-6 in basement (6-zone)	\$90,417		\$4,041	
EEM 3 - Repair and replace economizer of the MZ-6 in basement and a new premium efficiency motor (6 zone)	\$19,555		\$1,234	
EEM 4 - Install new LP gas condensing furnaces in place of the #AHU-54 in basement (3-zone)	\$31,191		\$2,704	
EEM 5 -Install return air and economizer to AHU-54	\$10,705		\$598	
EEM 6 - Install a new LP gas condensing DHW heater/tank for the jail's old section DHW	\$30,696		\$1,729	
EEM 7 - Replace H&V #1 and #2 Reznor roof top furnaces with new LP gas condensing furnaces	\$28,622		\$689	
EEM 8 - Install two new LP gas condensing DHW heaters/tanks for the jail's new section DHW	\$47,868		\$5,832	
<b>GRAND TOTAL ALL MEASURES</b>	<b>\$338,618</b>	<b>\$216,462</b>	<b>\$20,721</b>	<b>10.4</b>

\* The payback based on the loan amount is 10.4 years.

The Borrower shall implement all projects in Table 1. Failure to implement all projects may reduce the approved loan amount. If necessary, the reduced loan amount will be determined by multiplying the annual energy cost

savings by 13 years. If the Borrower has received disbursements that exceed the amount of the reduced loan, the Borrower shall refund the difference to the Energy Commission.